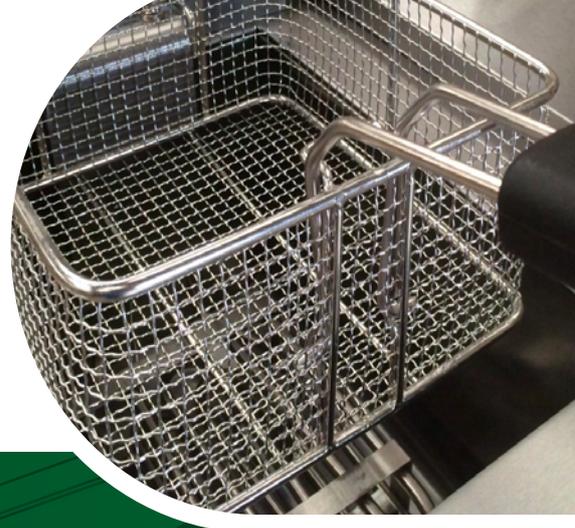




NORSAN UK
12 GATWICK DISTRIBUTION CENTRE
CRAWLEY
WEST SUSSEX
RH10 9RW

TEL: 0845 340 3230
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MATERIAL SAFETY DATA SHEET PRODUCT INFORMATION

NORBITE

SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

NORSAN NORBITE
Heavy Duty Degreasing Powder For
Catering Equipment & Surfaces

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

NORSAN UK
12 GATWICK DISTRIBUTION CENTRE
CRAWLEY
WEST SUSSEX
RH10 9RW

TEL: 0845 340 3230 | EMAIL: msds@norsan.co.uk

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE/MIXTURE AND USES ADVISED AGAINST

Directions For Use:

To clean out fat fryers drain oil and refill with clean water, adding 50G (1/3 of a cup) of powder per 5LT. Bring to boil and simmer for 10 minutes. Drain, rinse and dry thoroughly before refilling with new oil. To clean cooking trays, utensils etc. Depending on soiling levels immerse contaminated items in a solution of 25-50G of powder per 5LT of very hot water (temperature between 60°C - 80°C) leaving to soak for at least 20 minutes. To clean tiled floors, walls and other hard surfaces dilute 1:50 into warm water and apply via mop or brush application leaving for 5 minutes to soak before rinsing.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION UNDER CLP
(EC) NO 1272/2008 [EU-GHS/CLP]

PHYSICAL AND CHEMICAL HAZARDS	Not classified.
HUMAN HEALTH	H302, H314, H332
ENVIRONMENT	H412

2.2 LABEL ELEMENTS

PICTOGRAM CODE

GHS05

GHS09

PICTOGRAM



SIGNAL WORD

DANGER

HAZARD STATEMENTS

H302 - Harmful if swallowed.

PRECAUTIONARY STATEMENTS

H314 - Causes severe skin burns and eye damage.

H332 - Harmful if inhaled.

H412 - Harmful to aquatic life with long-lasting effects.

PREVENTION

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE

P102 - Keep out of reach of children.

RESPONSE

P301 - IF SWALLOWED:

P313 - Get medical advice/attention.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

DISPOSAL

P501 - Dispose of contents/container to licensed waste disposal site.

2.3 OTHER HAZARDS

EUROPEAN UNION
(DANGEROUS SUBSTANCES DIRECTIVE)

None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

SUBSTANCE	CAS. NO	EINECS No.	HAZARD	RANGE
Trisodium Orthophosphate	7601-54-9	231-509-8	H315, H319	25-35%
Sodium Carbonate	497-19-8	207-838-8	H319	30-60%
Sodium Metasilicate Pentahydrate	10213-79-3	229-912-9	H314, H318, H335	25-35%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE

Remove contaminated clothing and wash before reuse.

AFTER INHALATION

Move the exposed person(s) to fresh supply of air. Get medical attention if discomfort continues.

AFTER CONTACT WITH SKIN

Wash from skin immediately. If skin becomes sore or inflamed seek medical attention.

AFTER CONTACT WITH EYES

Irrigate with water for 10 to 15 minutes until irritation subsides and seek medical attention.

AFTER INGESTION

If small amount wash out mouth with water and drink clean water. If amount is large give plenty of water to drink, do not induce vomiting and seek medical advice.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The severity of symptoms described will vary depending on concentration and length of exposure.

INHALATION

Harmful if inhaled. Irritation of nose, throat and airway.

CONTACT WITH SKIN

Skin irritation. Prolonged contact may cause redness.

CONTACT WITH EYES

May cause eye irritation prolonged contact may cause redness/tearing.

INGESTION

Harmful if swallowed, may cause nausea and vomiting, Irritating to the to the respiratory tract and may cause damage to the central nervous system.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically. Use water to neutralize product in the case of skin, eye contact or ingestion.

SECTION 5: FIREFIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA

This product is not flammable. Use fire extinguishing media appropriate for surrounding area.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Thermal decomposition/combustion may release irritating gases or vapours.

5.3 ADVICE FOR FIRE FIGHTERS

Wear self-contained breathing apparatus and protective clothing as appropriate to the associated fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Always use appropriate PPE. Avoid breathing dust/vapours (if any) and ensure adequate ventilation. Cordon off area to other personnel.

6.2 ENVIRONMENTAL PRECAUTION

Do not allow raw product to enter surface water drains, soil/subsoil. Discharges into water course must be reported to the environment agency.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Sweep up and dispose of safely as solid waste. Hose down area with plenty of water. Dispose of in accordance with local authority regulations.

6.4 REFERENCE TO OTHER SECTIONS

See Section 8 and 13 for more information on exposure and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Provide good ventilation in working area. Wash hands after use and do not allow to enter surface water drains.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store only in original containers out of reach of children. Storage temperature should be between 5°C and 30°C.

7.3 SPECIFIC END USE(S)

See section 1.2 and label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Sodium Carbonate DNELs 10mg/m³. Sodium Metasilicate DNELs 1.55mg/m³. WEL TWA – 8 Hrs. STEL – 15 Min.

8.2 EXPOSURE CONTROLS

Do not eat, drink or smoke whilst working and wash hands after use.

PICTOGRAM(S)



WEAR SUITABLE
HAND PROTECTION



WEAR SUITABLE EYE
PROTECTION



WEAR SUITABLE
DUST PROTECTION

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOUR

Granular white powder with characteristic odour.

pH LEVEL

FLAMMABLE/FLASH POINT

Not flammable.

SOLUBILITY

Soluble/dispersible in water.

VISCOSITY

9.2 OTHER INFORMATION

No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Possible reaction with base metals (zinc, aluminium).

10.2 CHEMICAL STABILITY

No stability concerns.

10.3 POSSIBILITY OF HAZARDOUS REACTION

None known.

10.4 CONDITIONS TO AVOID

Avoid exposure to high temperature or direct sunlight.

10.5 INCOMPATIBLE MATERIALS

Advise against use with aluminium, tin, zinc and their alloys.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

INHALATION

Harmful if inhaled. Irritation of nose, throat and airway.

CONTACT WITH SKIN

Skin irritation. Prolonged contact may cause redness.

CONTACT WITH EYES

May cause eye irritation prolonged contact may cause redness/tearing.

INGESTION

Harmful if swallowed, may cause nausea and vomiting, Irritating to the to the respiratory tract and may cause damage to the central nervous system.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

When used as intended this product is not regarded as dangerous for the environment.

12.1 TOXICITY

Ingredients according to EC 648/2004. More than 25%: Phosphate.

12.2. PERSISTENCE AND DEGRADABILITY

12.3. BIOACCUMULATIVE POTENTIAL

12.4. MOBILITY IN SOIL

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

Not Classified as PBT/vPvB by current EU Criteria.

12.6. OTHER ADVERSE EFFECTS

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

This product is not classified as hazardous waste under the special waste (amendment) regulations (SI 1996/2019). For disposal contact a licensed waste management company. Rinse out container at least twice in water and recycle if facilities exist or dispose of as commercial waste. European waste catalogue: 20 01 29.

SECTION 14: TRANSPORT INFORMATION

14.1. UN NUMBER

14.2. UN PROPER SHIPPING NAME

NORSAN NORBITE

14.3. TRANSPORT HAZARD CLASS(ES)

14.4. PACKING GROUP

14.5. ENVIRONMENTAL HAZARDS

14.6. SPECIAL PRECAUTIONS FOR USER

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

STATUTORY INSTRUMENTS	Classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.
GUIDANCE NOTES	Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

15.2. CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out as product is a mixture.

SECTION 16: OTHER INFORMATION

16.1. REVISION COMMENTS

This product is now using classification from GHS/CLP- Regulation (EC) No 1272/2008 classification and labelling & packaging of. The risk statements listed below relate to the raw materials in the product not the product itself.

HAZARD STATEMENT IN FULL (CLP)	H302 - Harmful if swallowed.
	H314 - Causes severe skin burns and eye damage.
	H315 - Causes skin irritation.
	H319 - Causes serious eye irritation.
	H332 - Harmful if inhaled.
	H412 - Harmful to aquatic life with long-lasting effects.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. The user assumes all liability for any damage or injury resulting from abnormal use, from the failure to adhere to recommended practises, or from hazards inherent in the nature of the product. In accordance with our policy of incorporating technical improvements, we reserve the right to amend any specification without notice.